

Mode	Provided data rate(Mbps)	Sample rate(Mbps)	Carrier frequency (GHz)	Modulation
IEEE 802.11a	6, 9, 12, 18, 24, 36, 48, 54	20	5	OFDM
IEEE 802.11b		22	2.4	CCK/DSSS
IEEE 802.11g	6, 9, 12, 18, 24, 36, 48, 54	20, 22	2.4, 5	OFDM, CCK/DSSS

Fig. 1 Prior Art

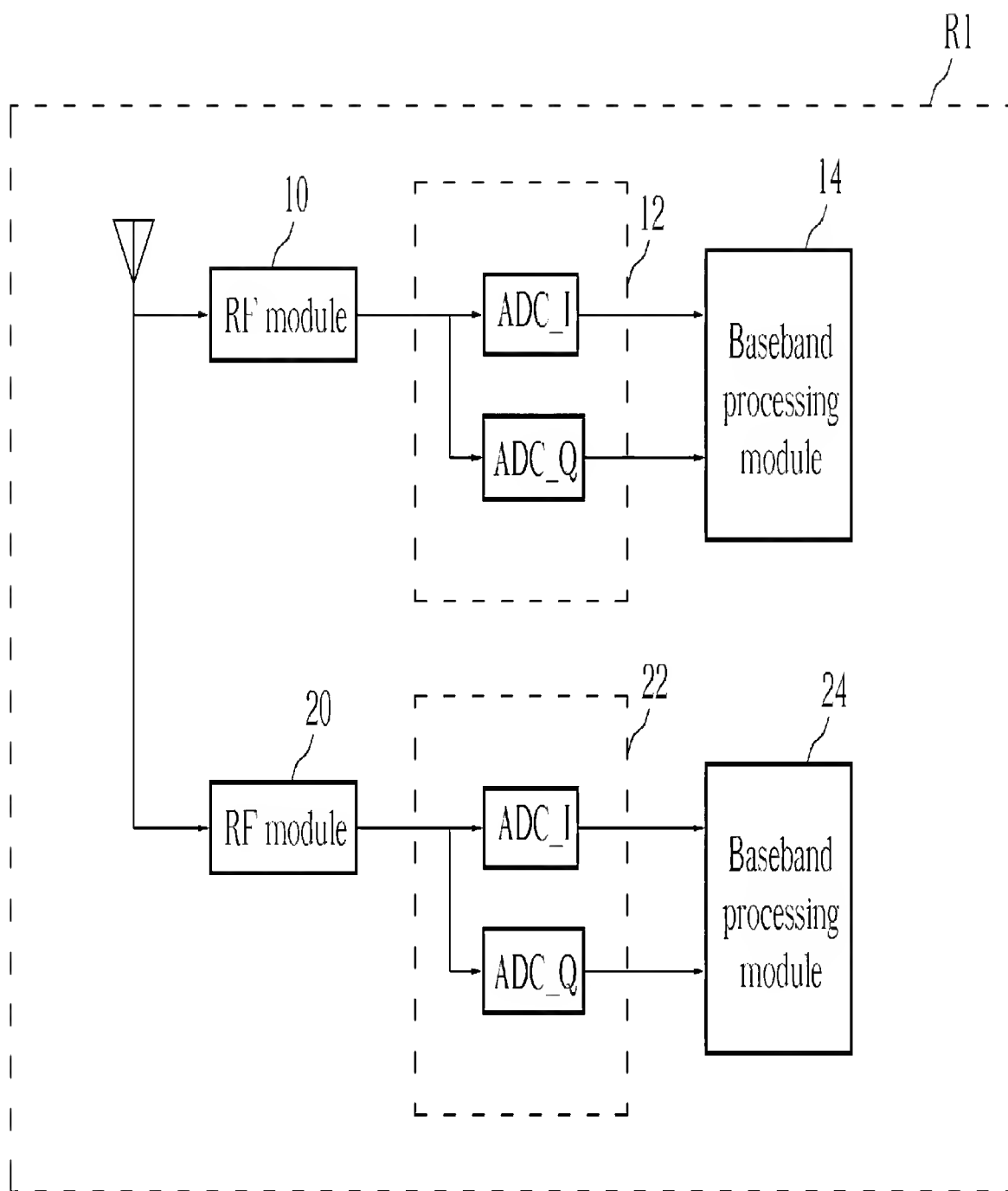


Fig. 2 Prior Art

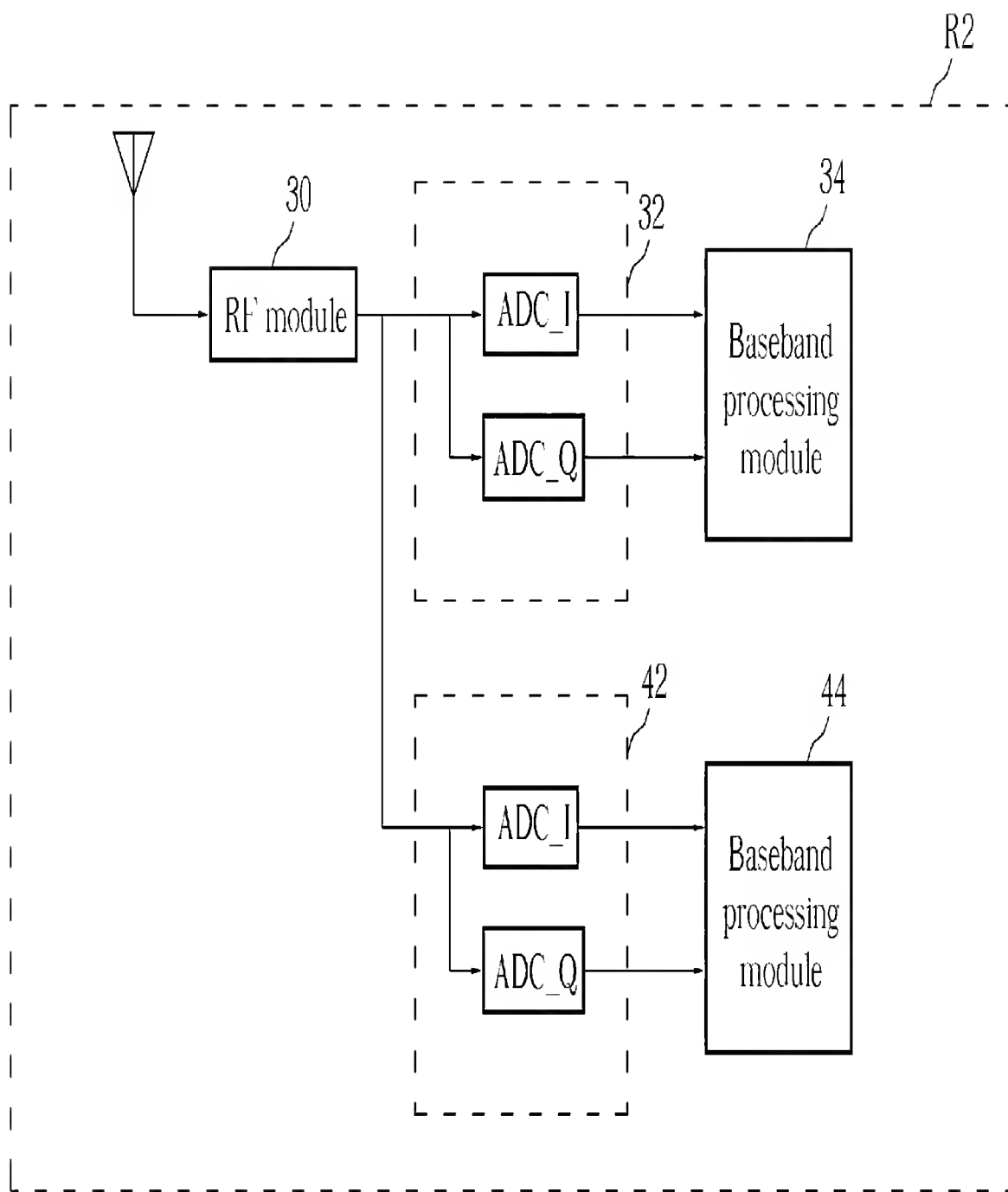


Fig. 3 Prior Art

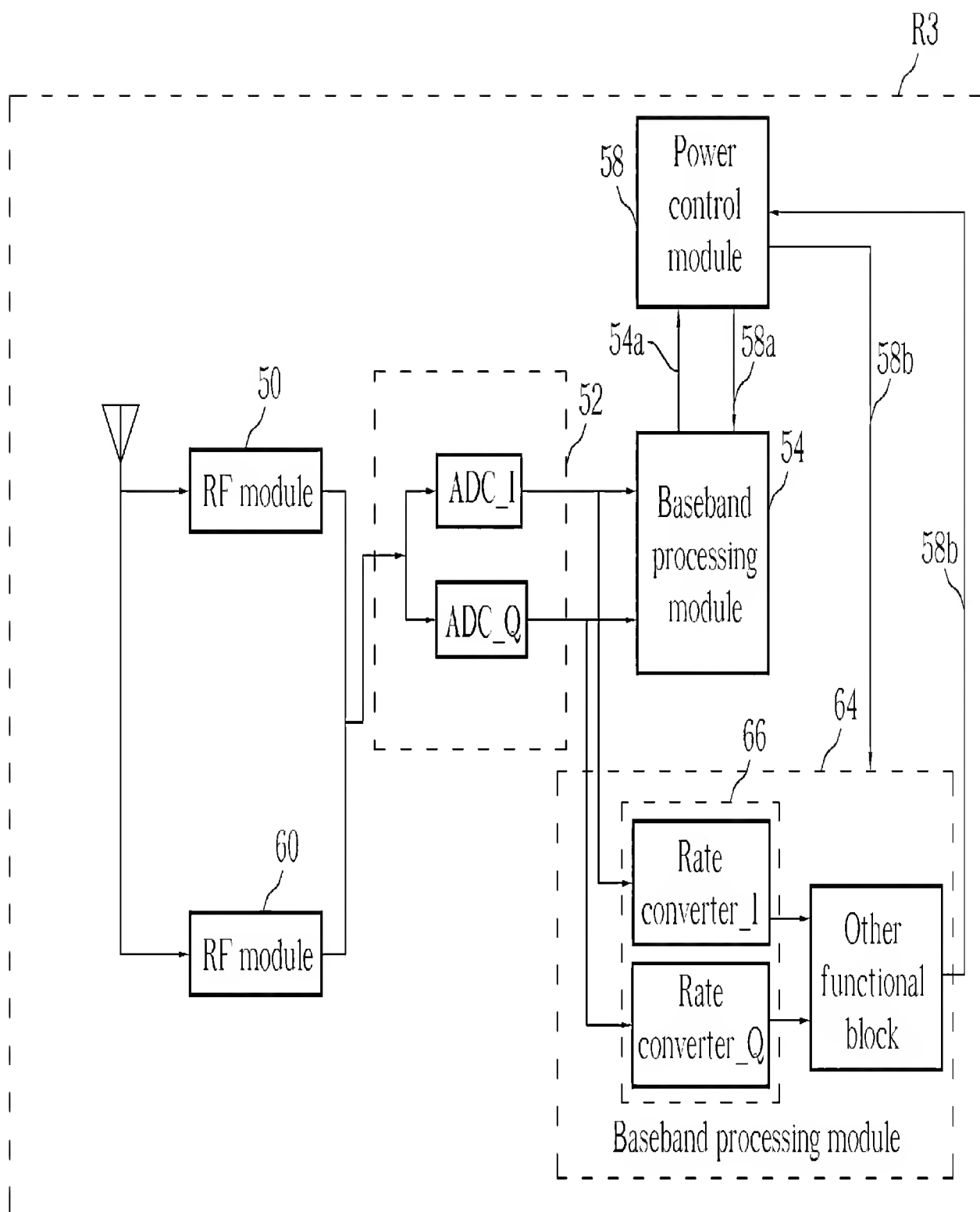


Fig. 4

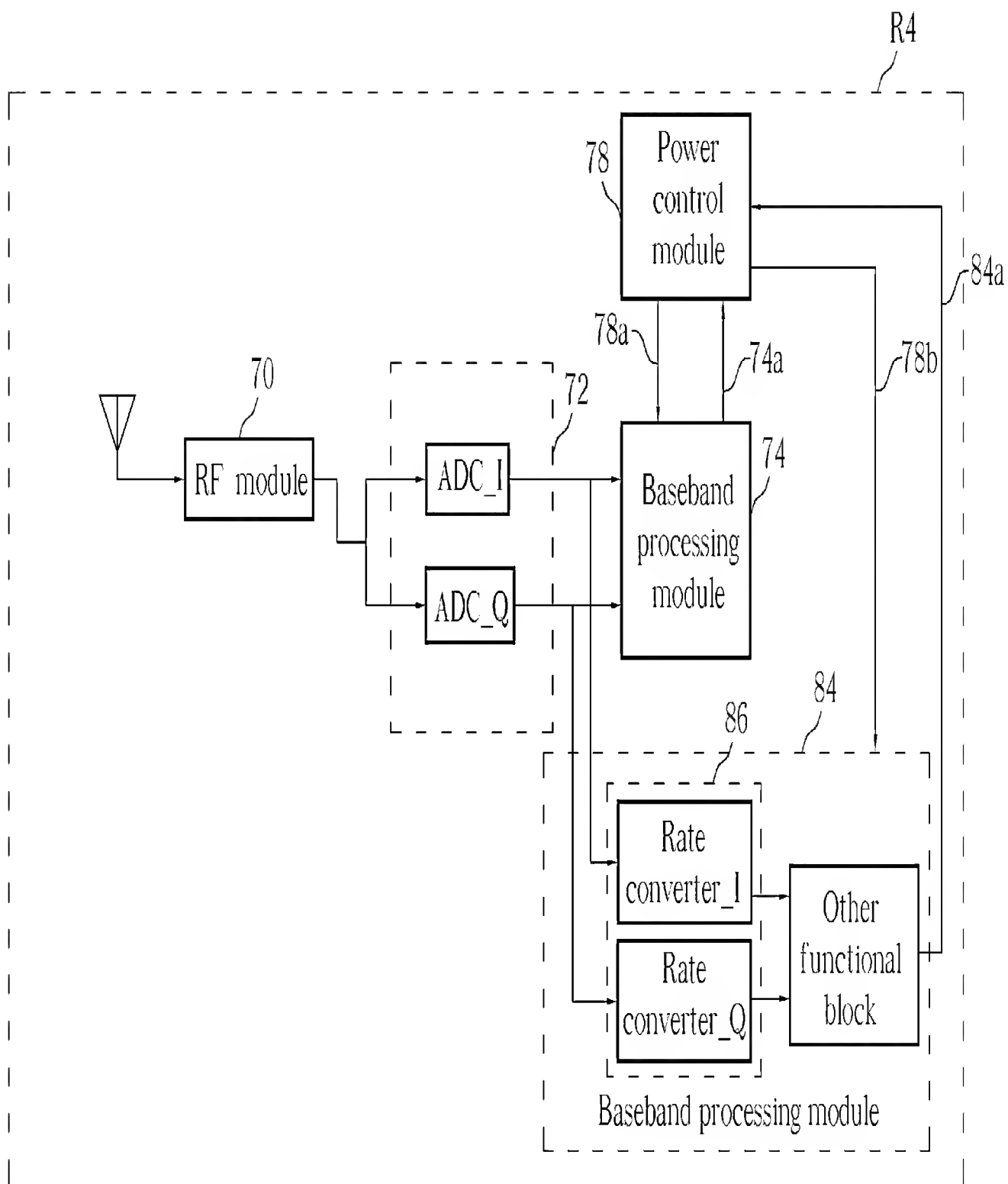


Fig. 5

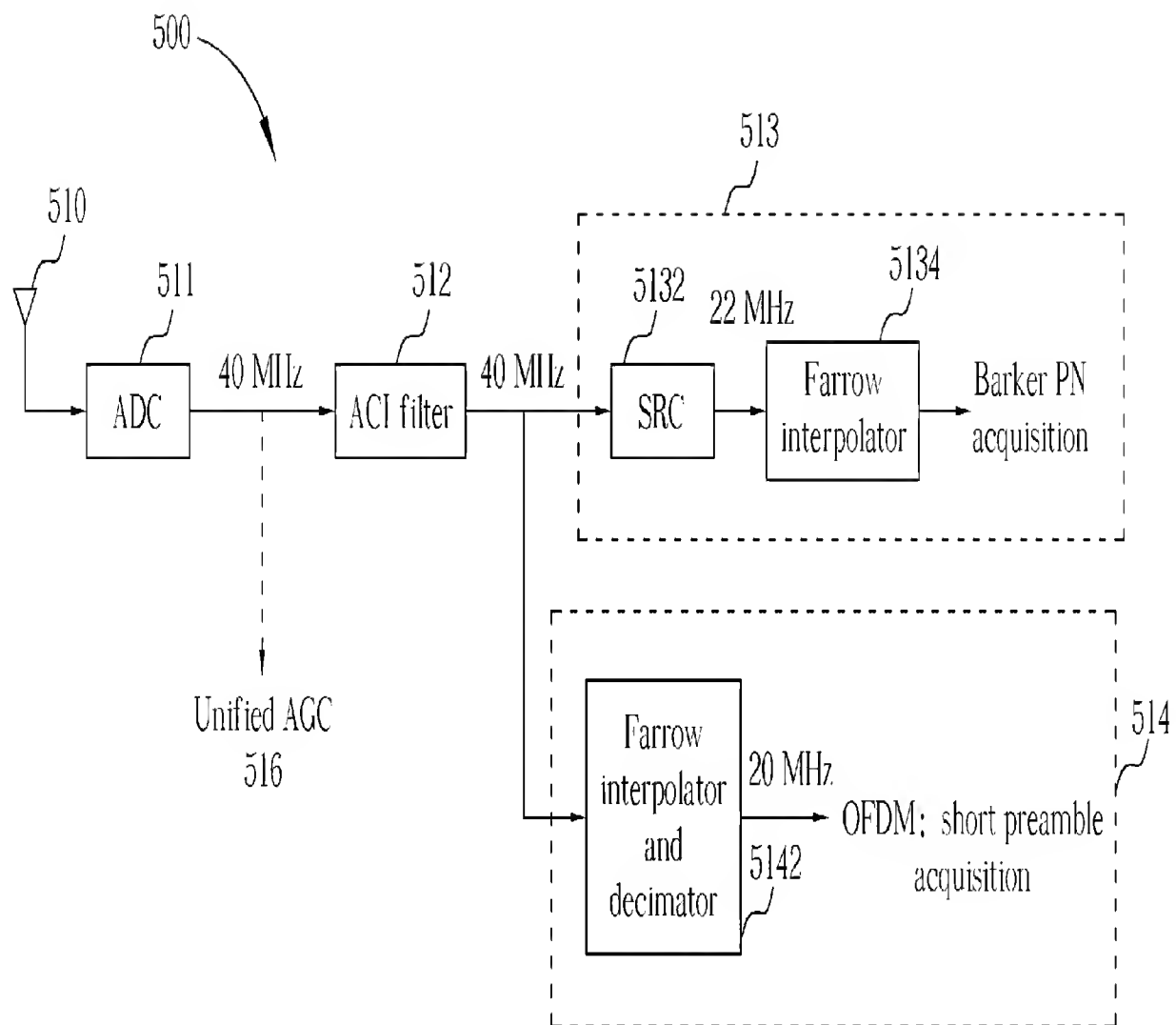


Fig. 6

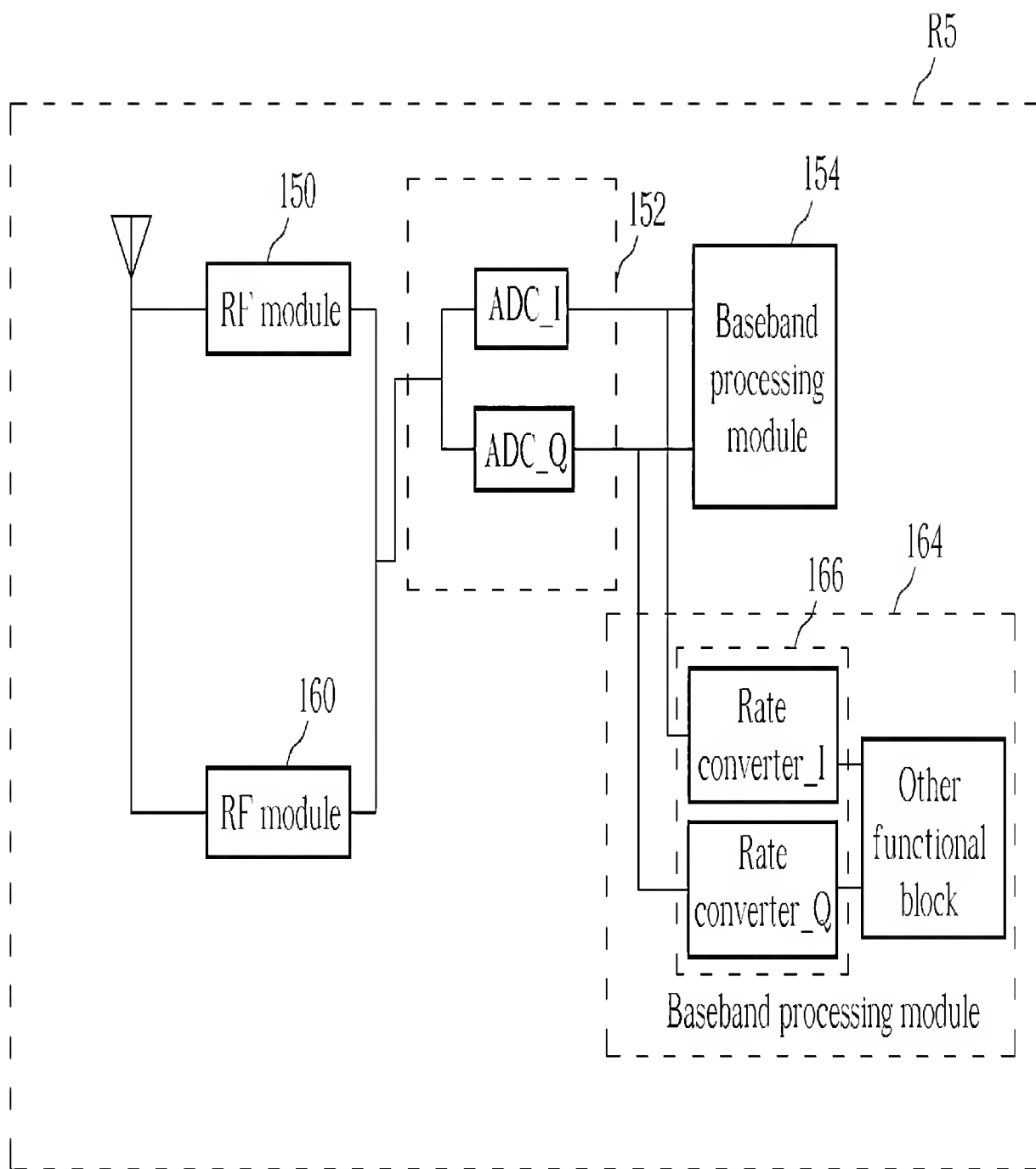


Fig. 7

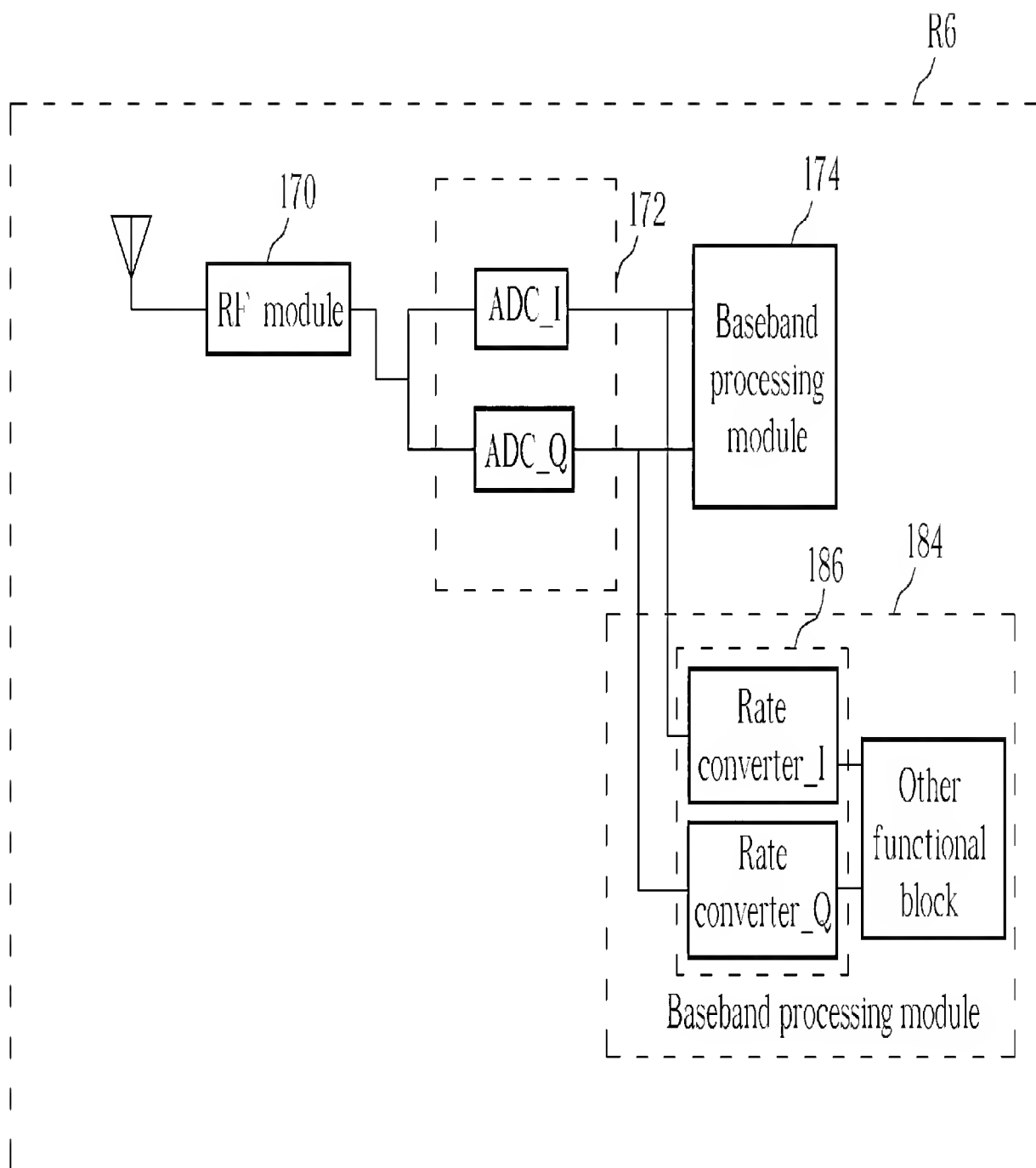


Fig. 8

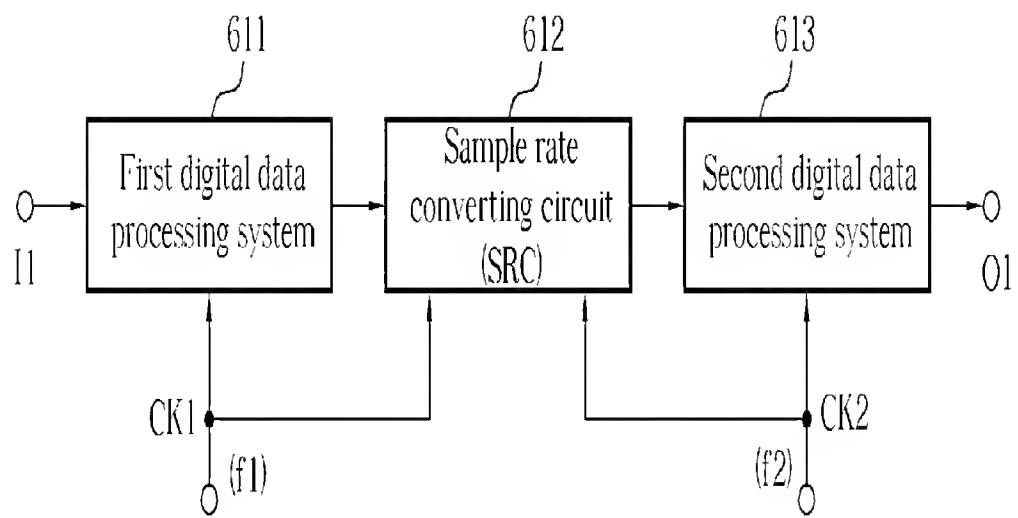


Fig. 9

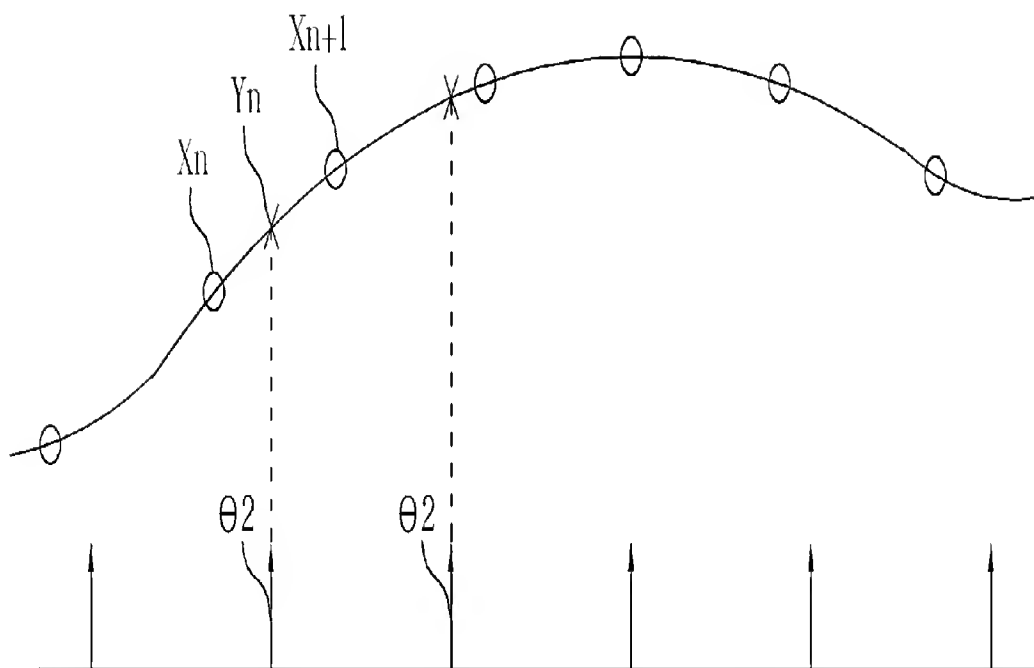


Fig. 10